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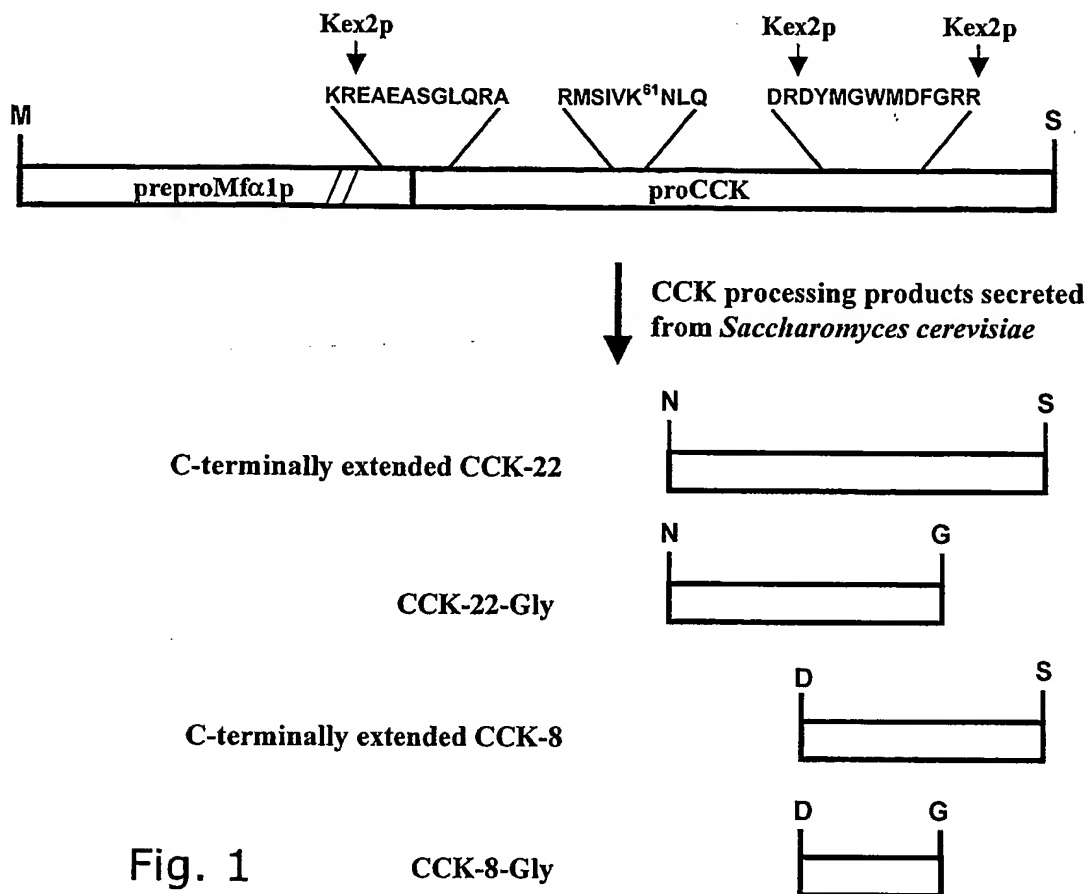


Fig. 1

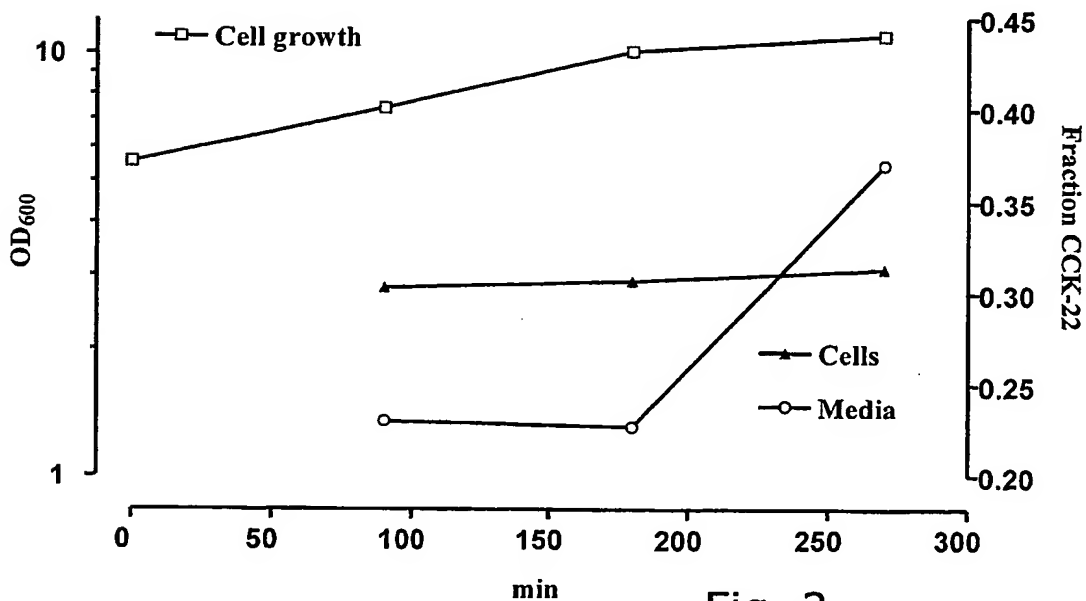


Fig. 2

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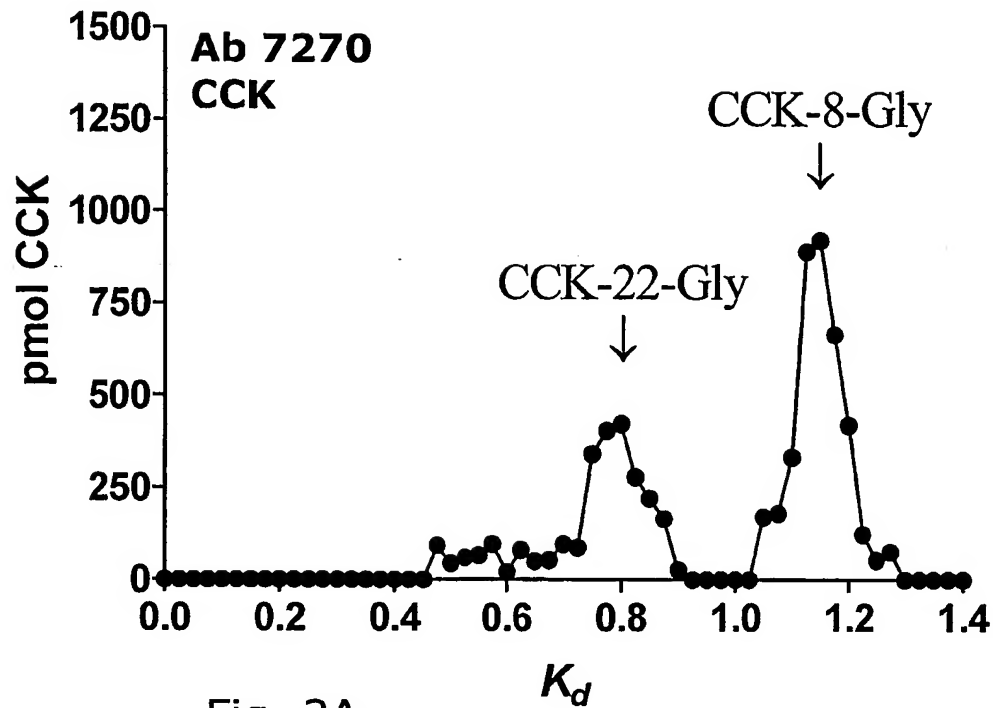


Fig. 3A

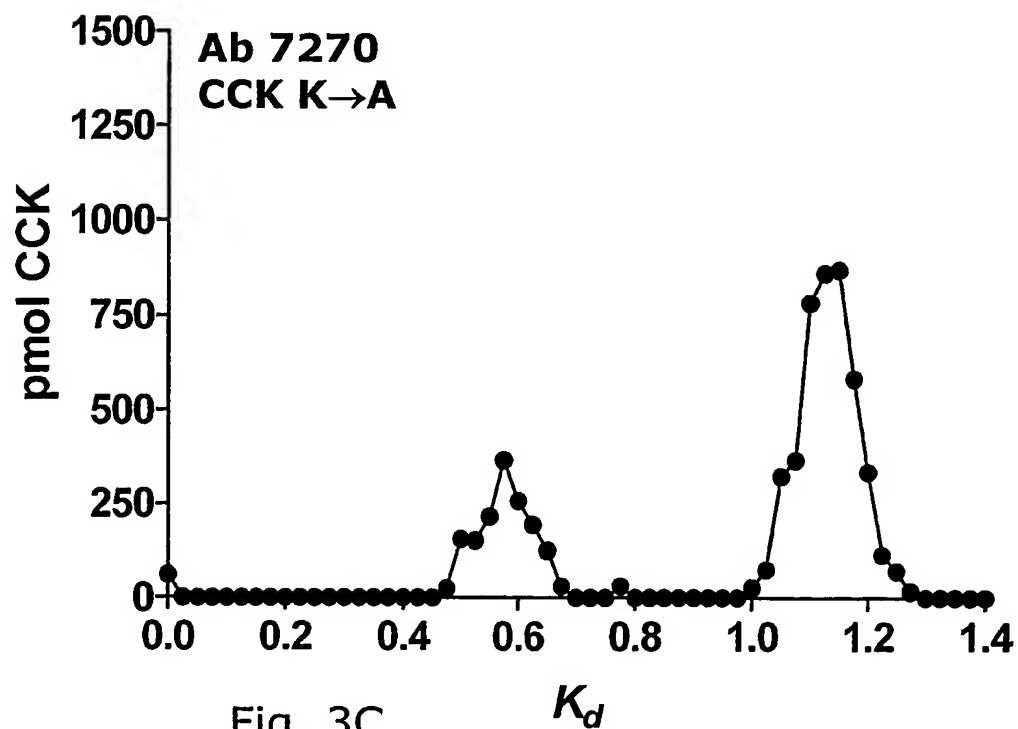


Fig. 3C

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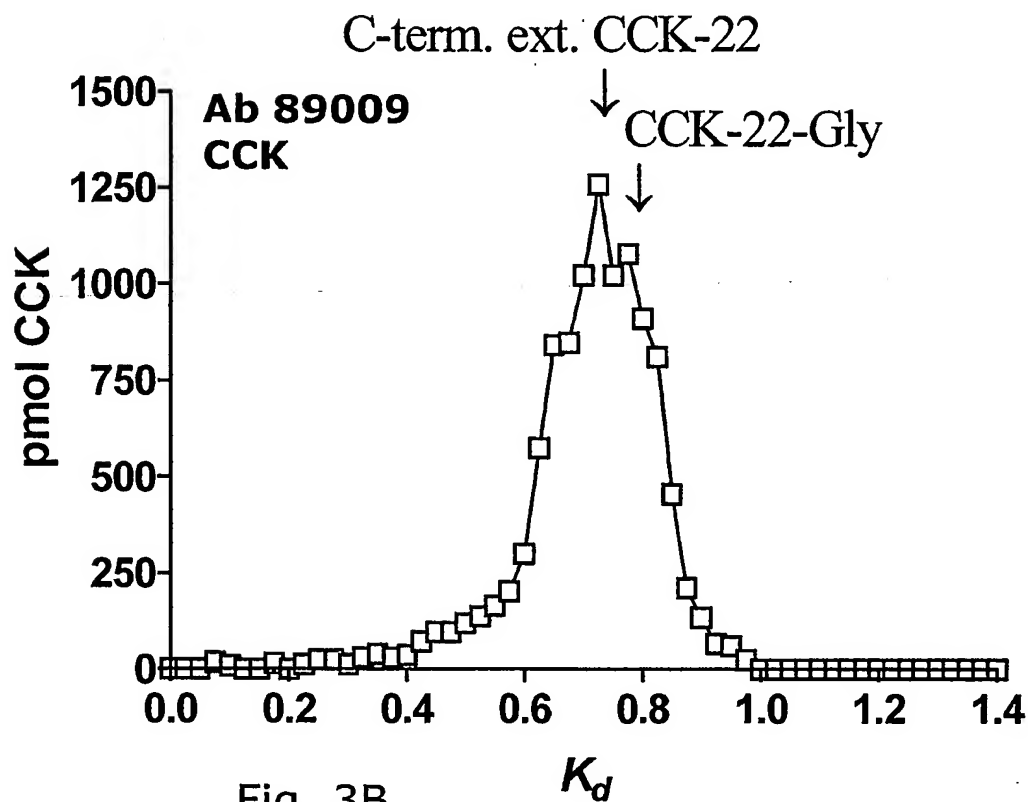


Fig. 3B

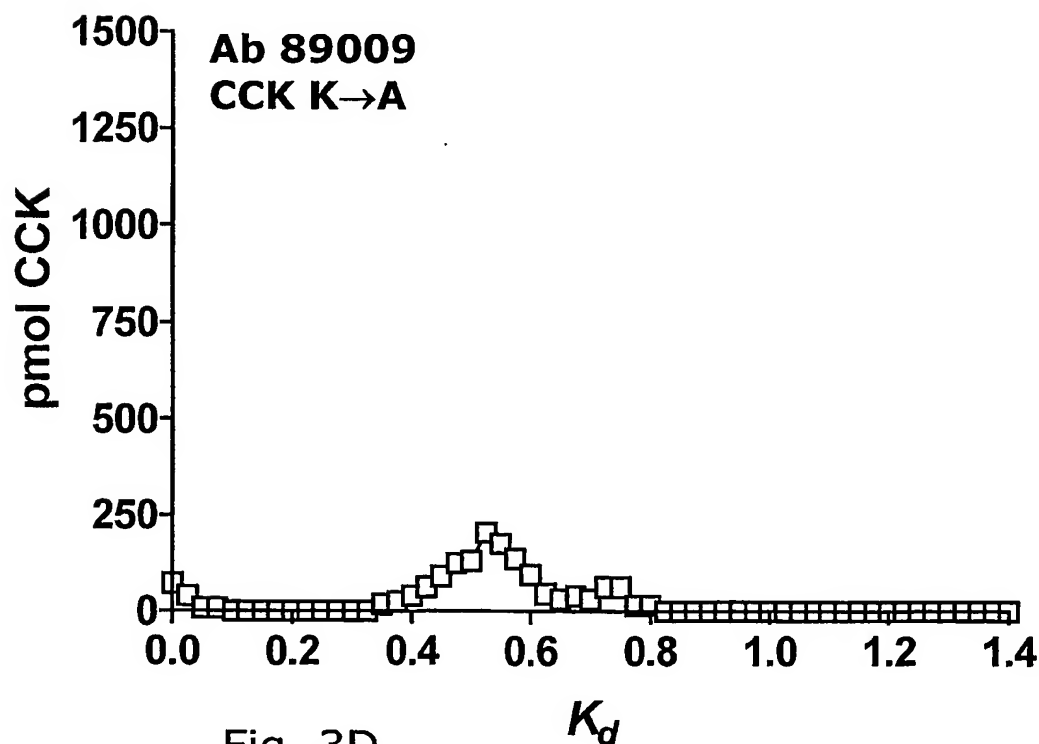
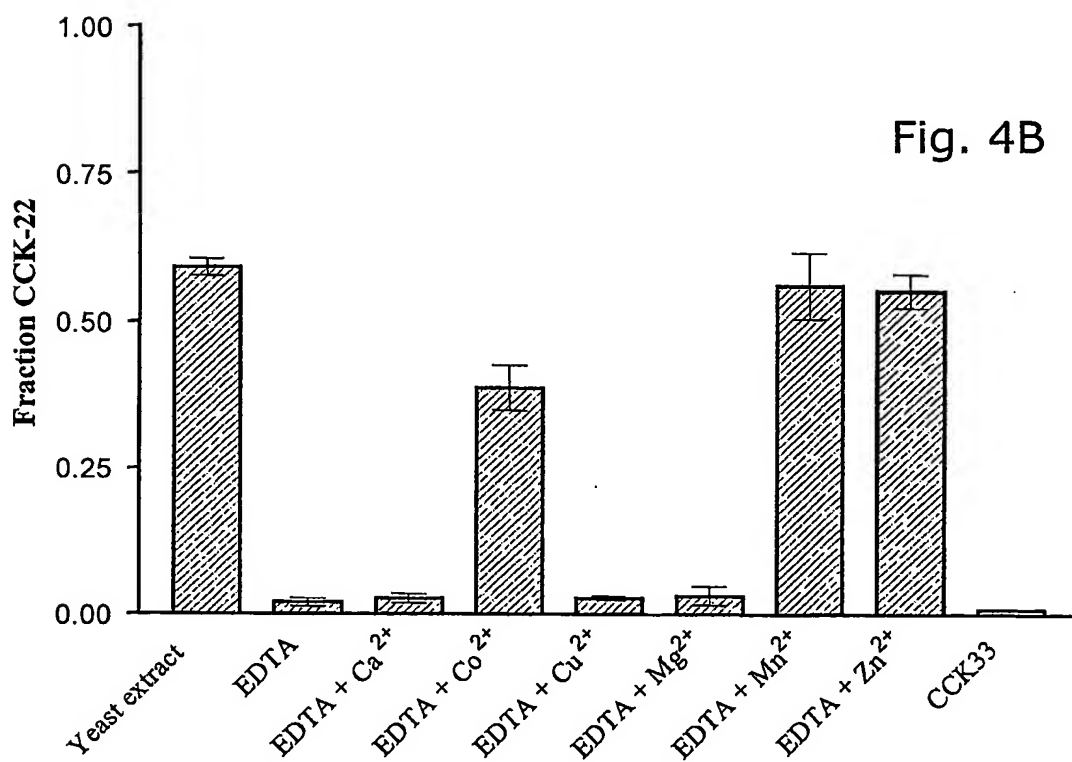
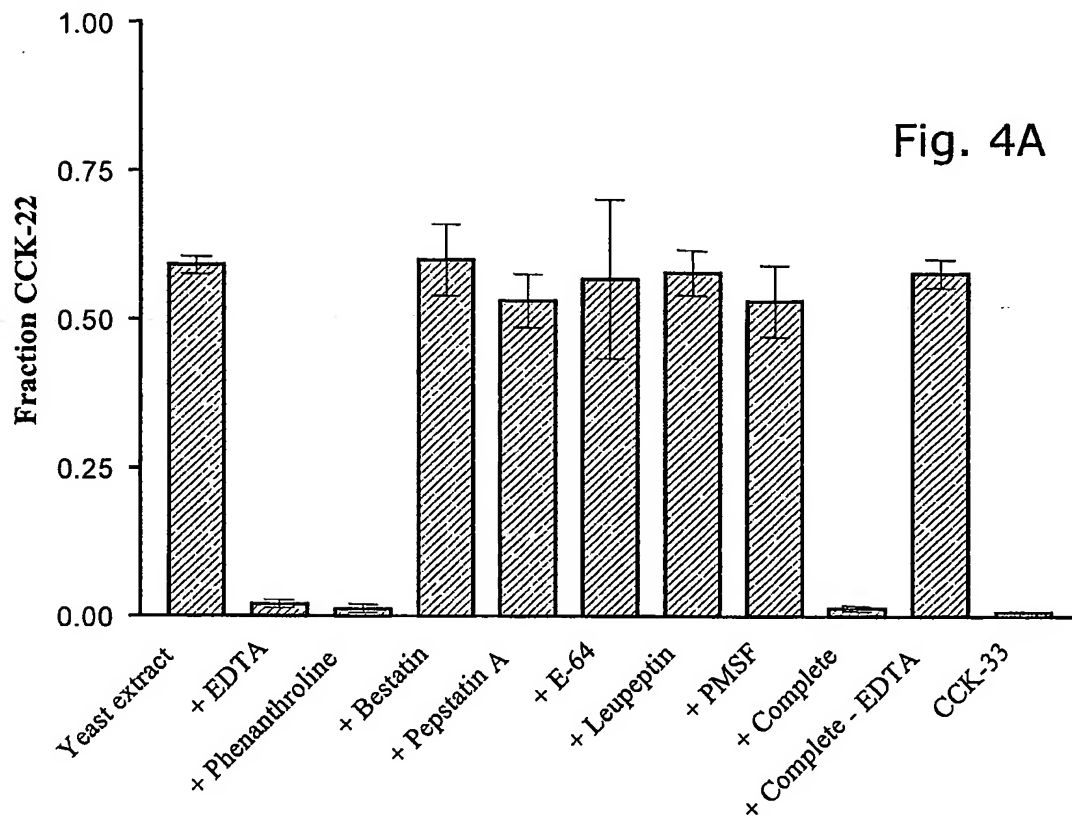


Fig. 3D

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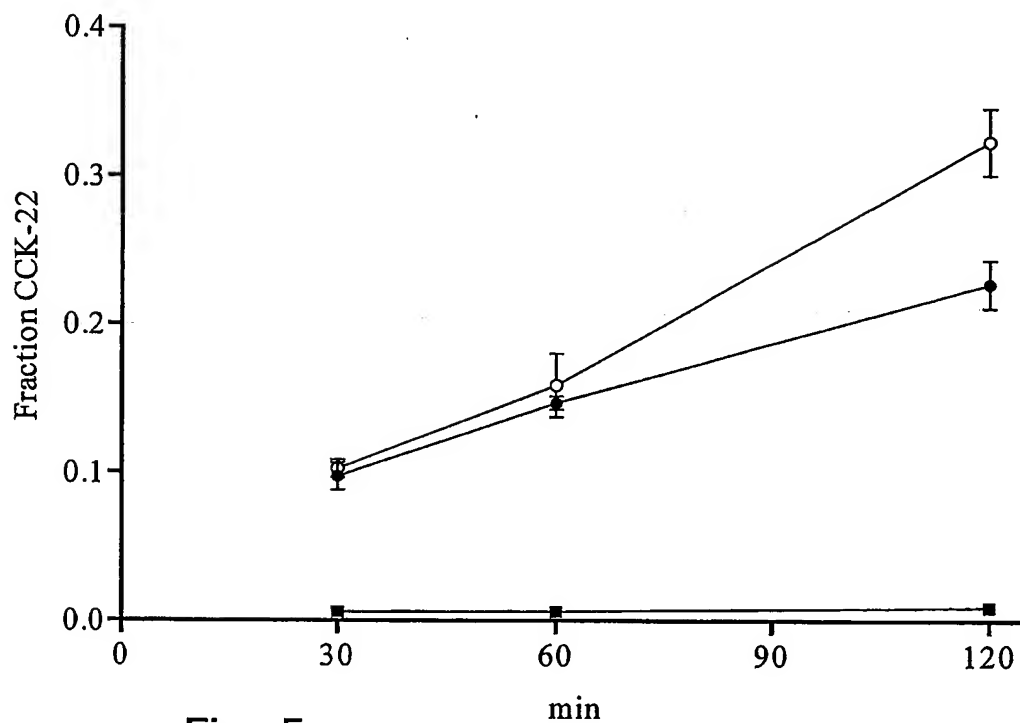


Fig. 5

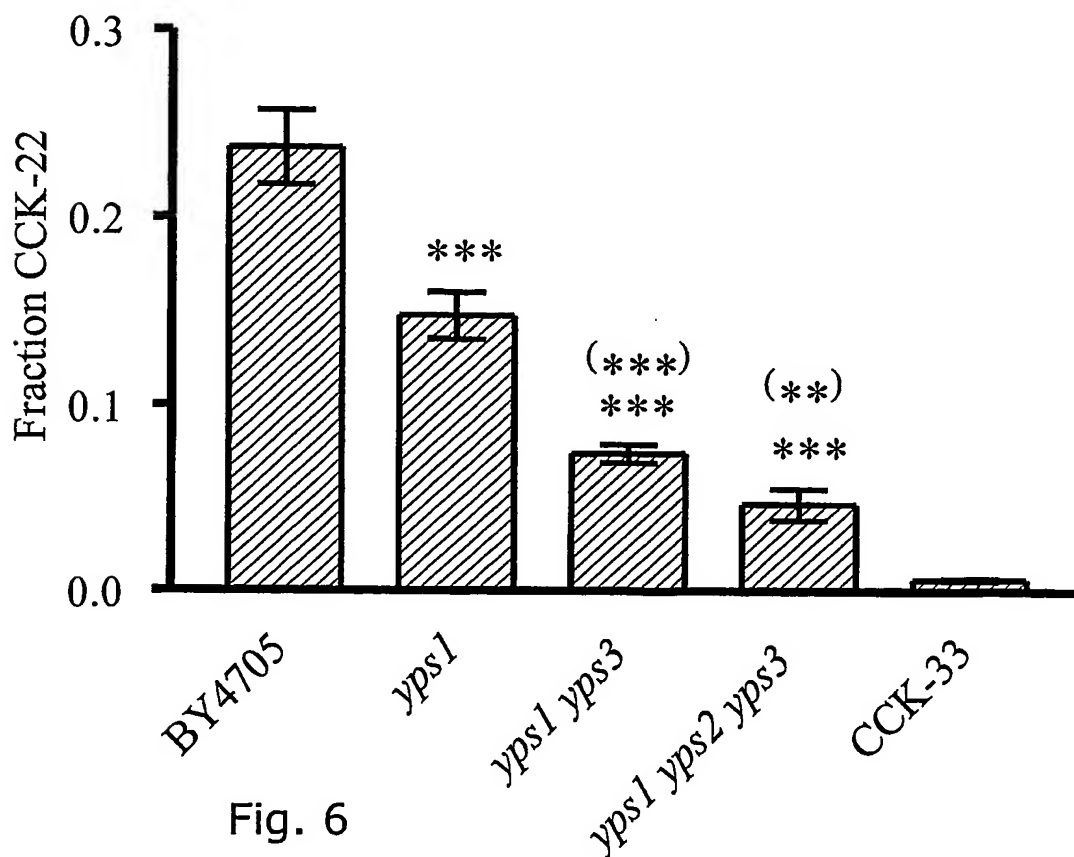
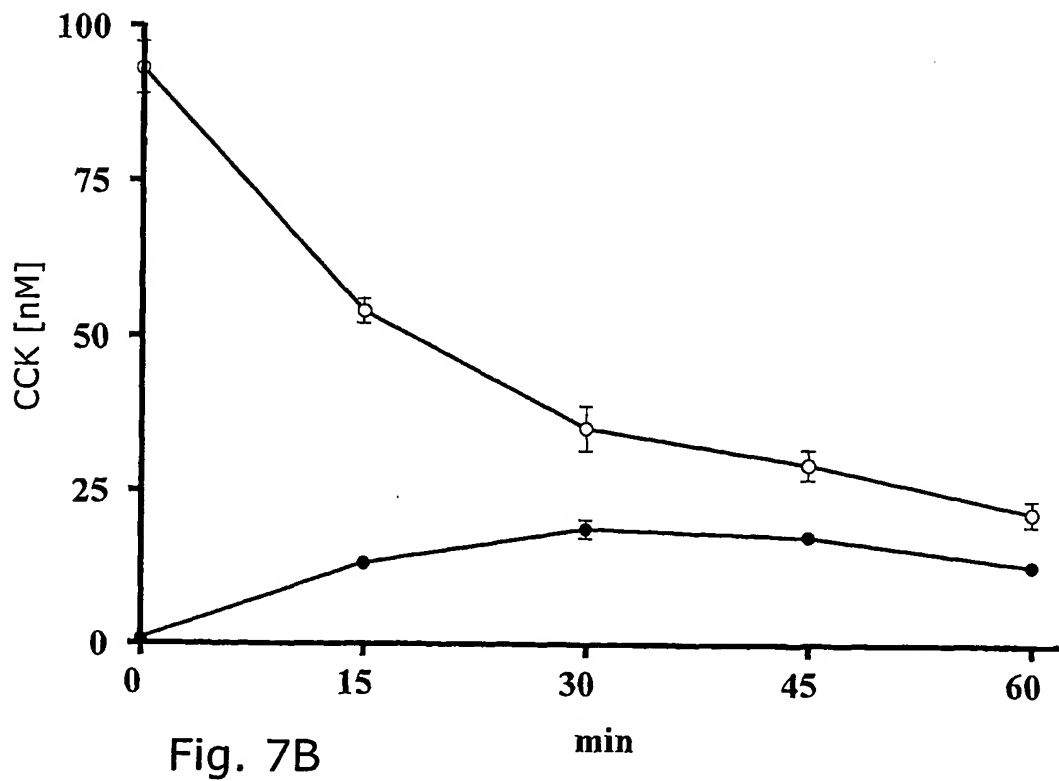
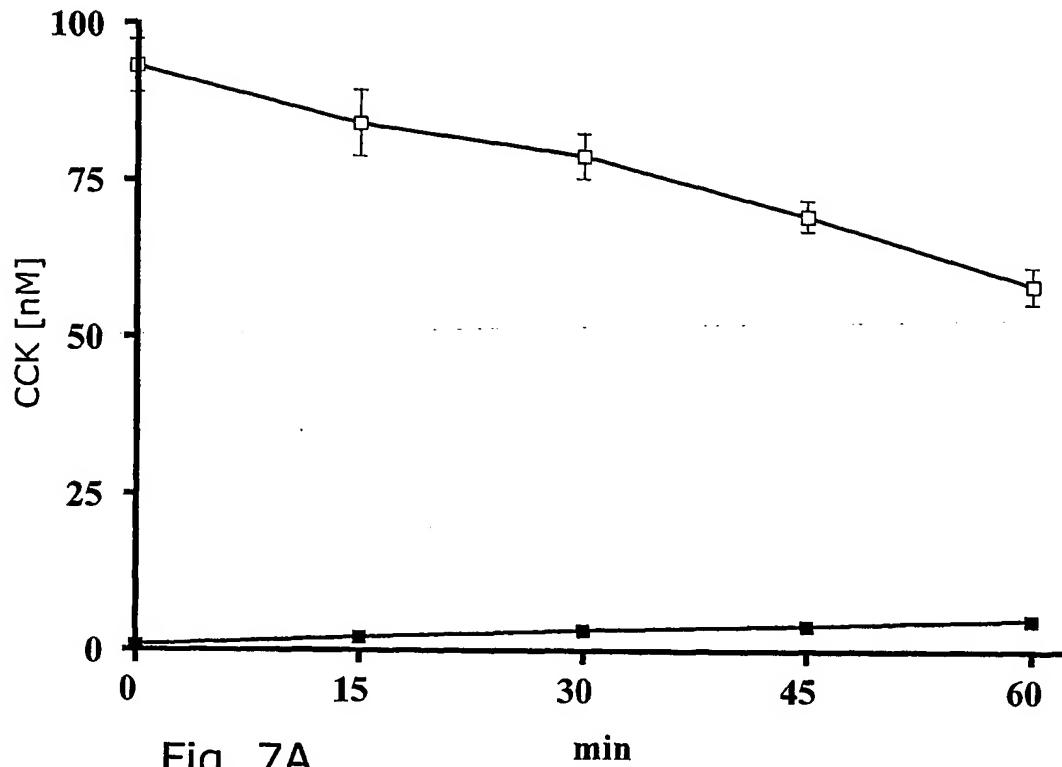


Fig. 6

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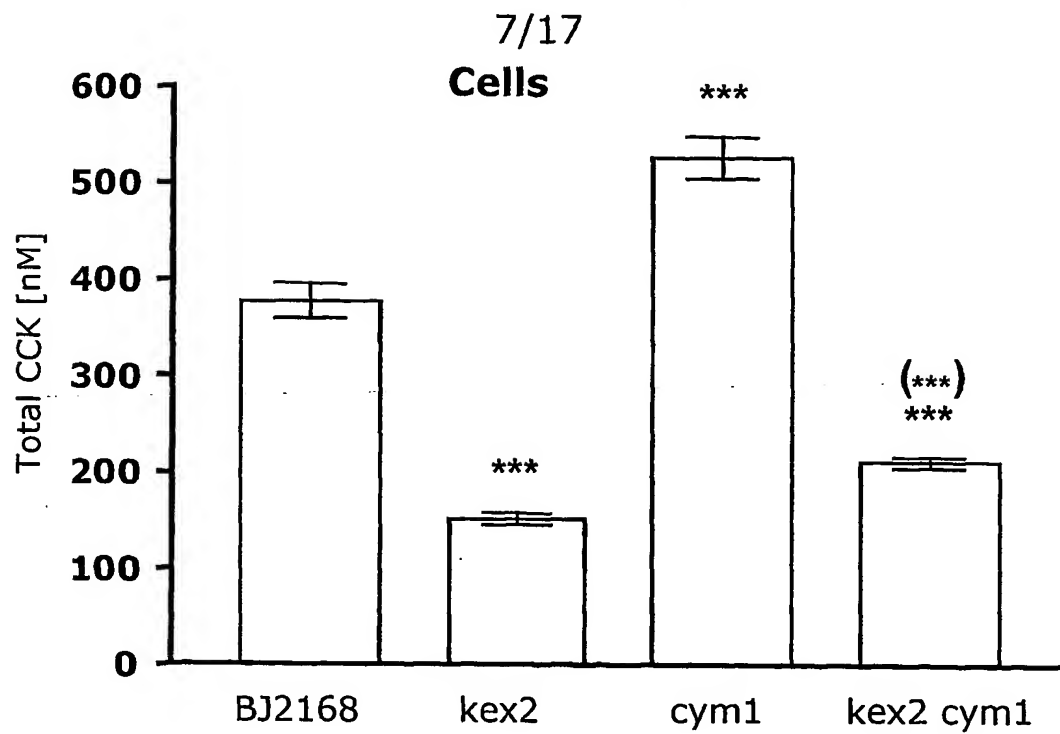


Fig. 8A

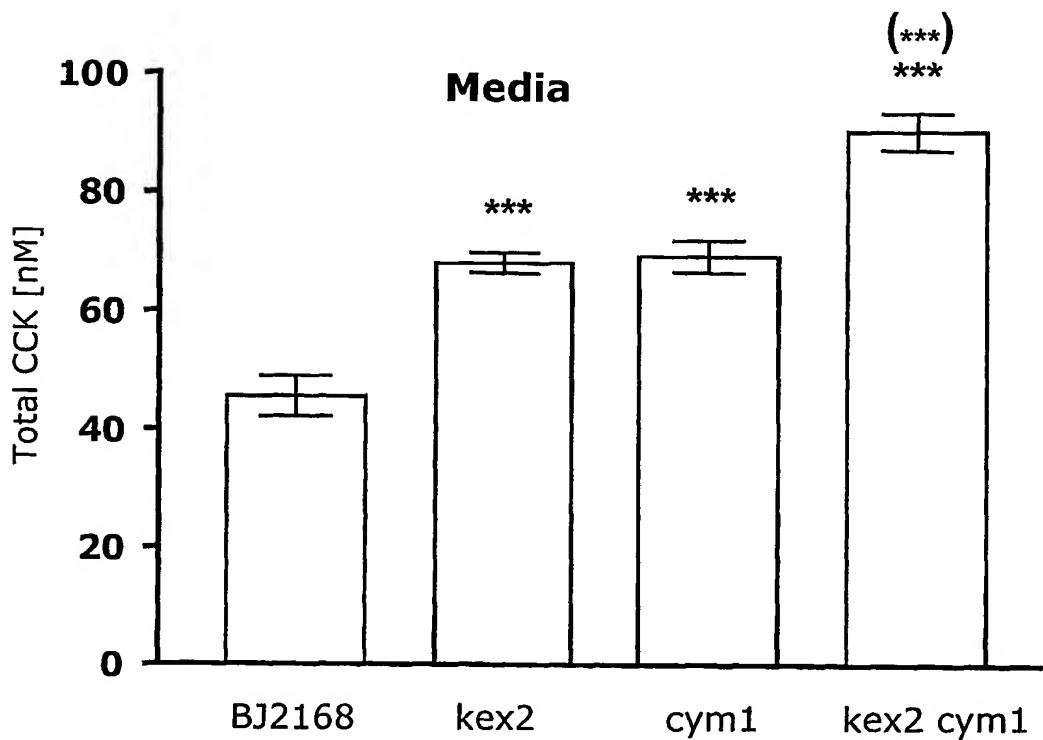


Fig. 8B

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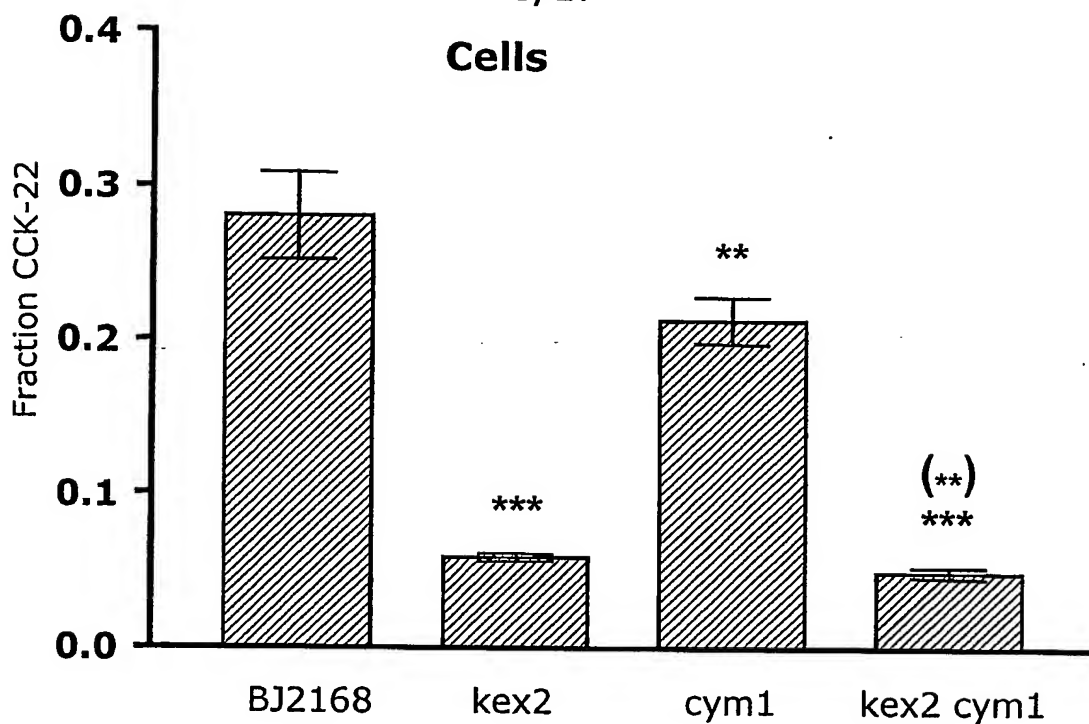


Fig. 8C

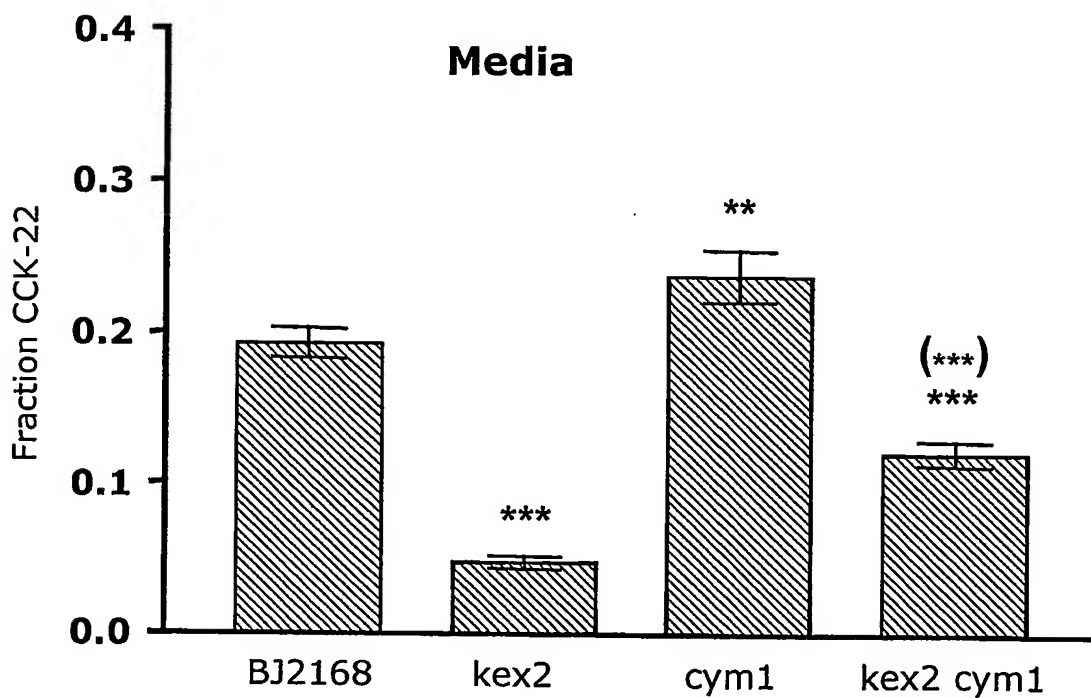


Fig. 8D

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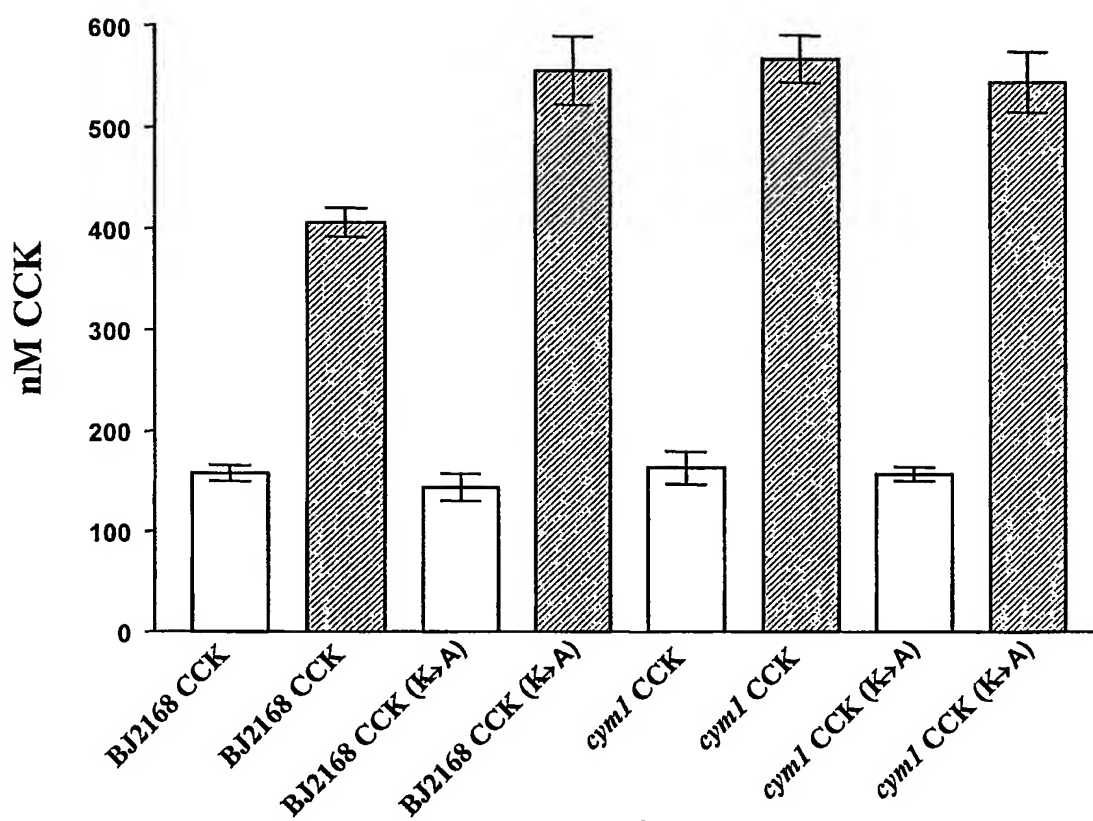
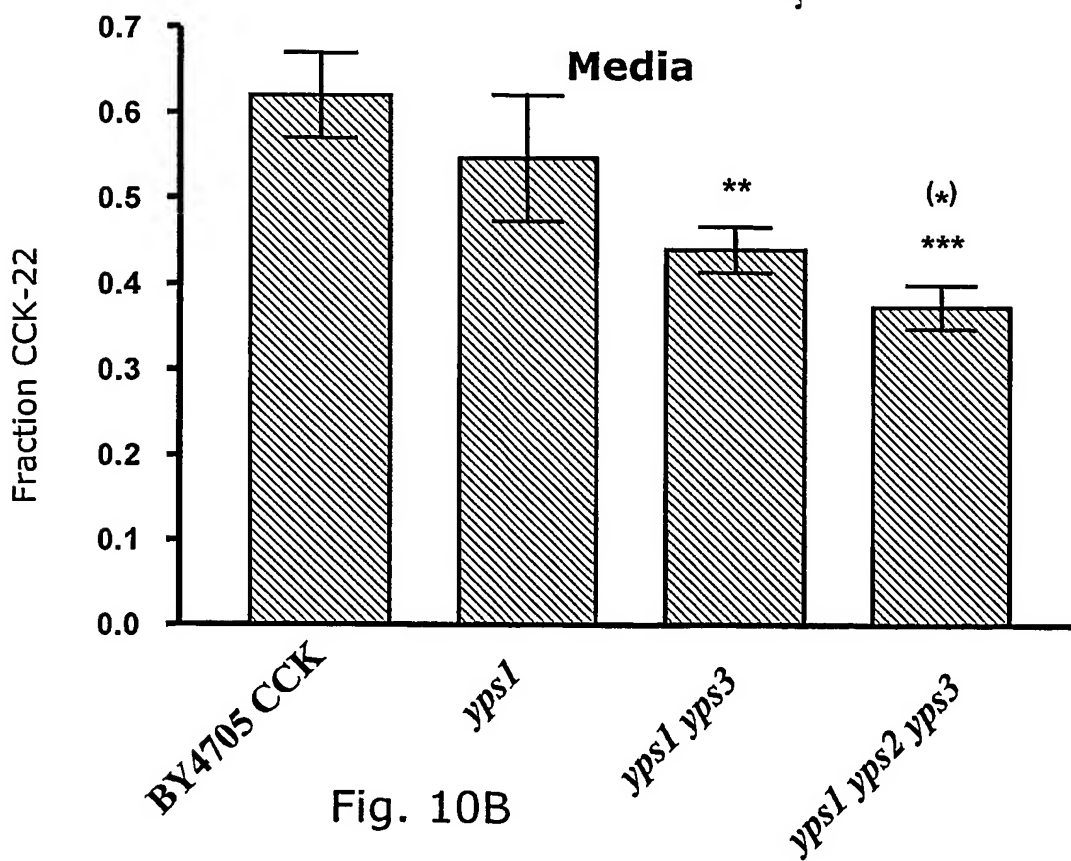
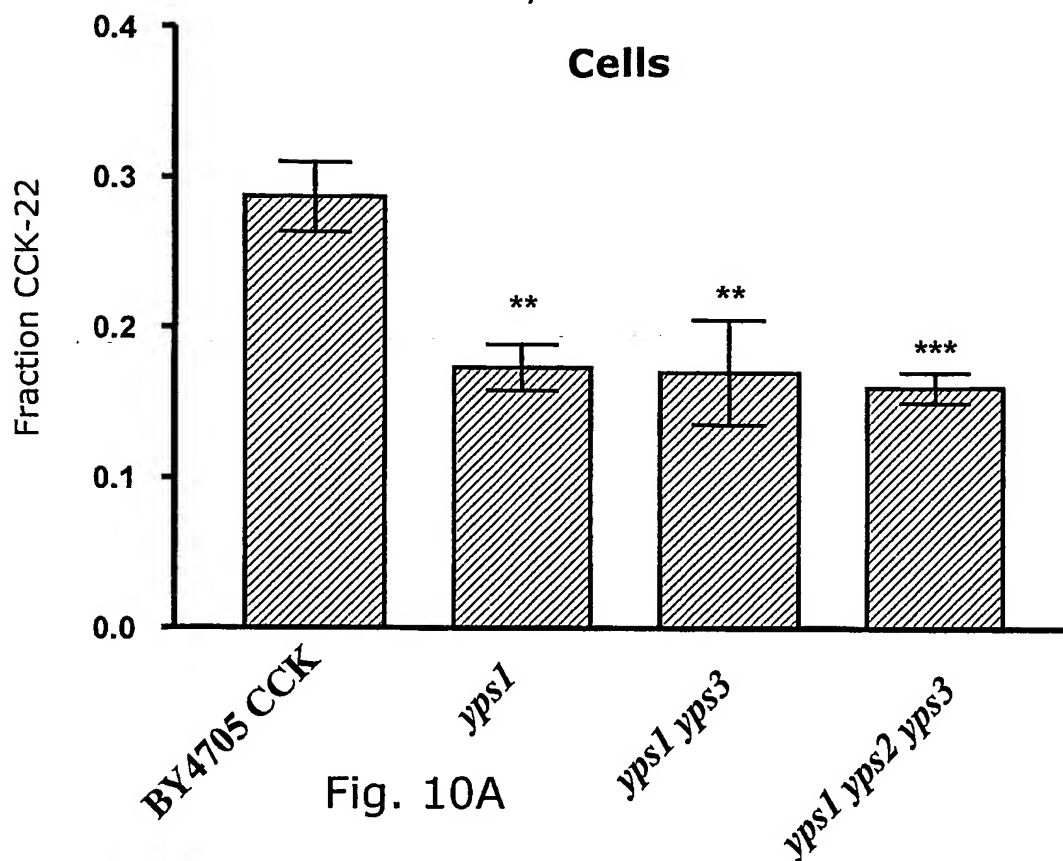
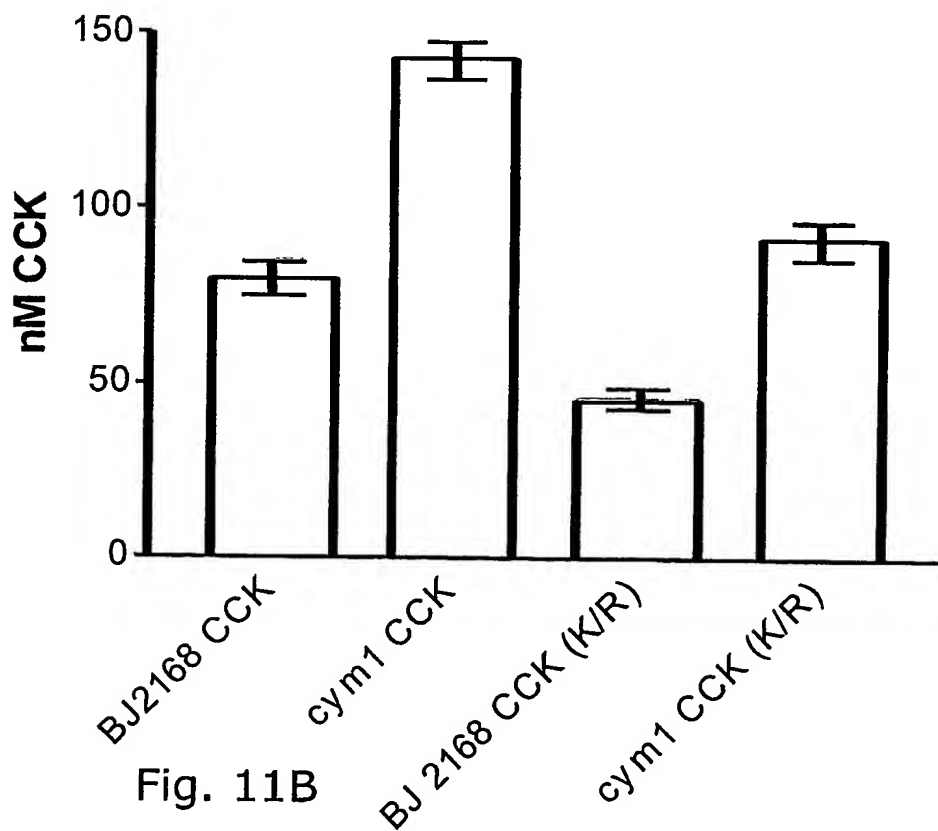
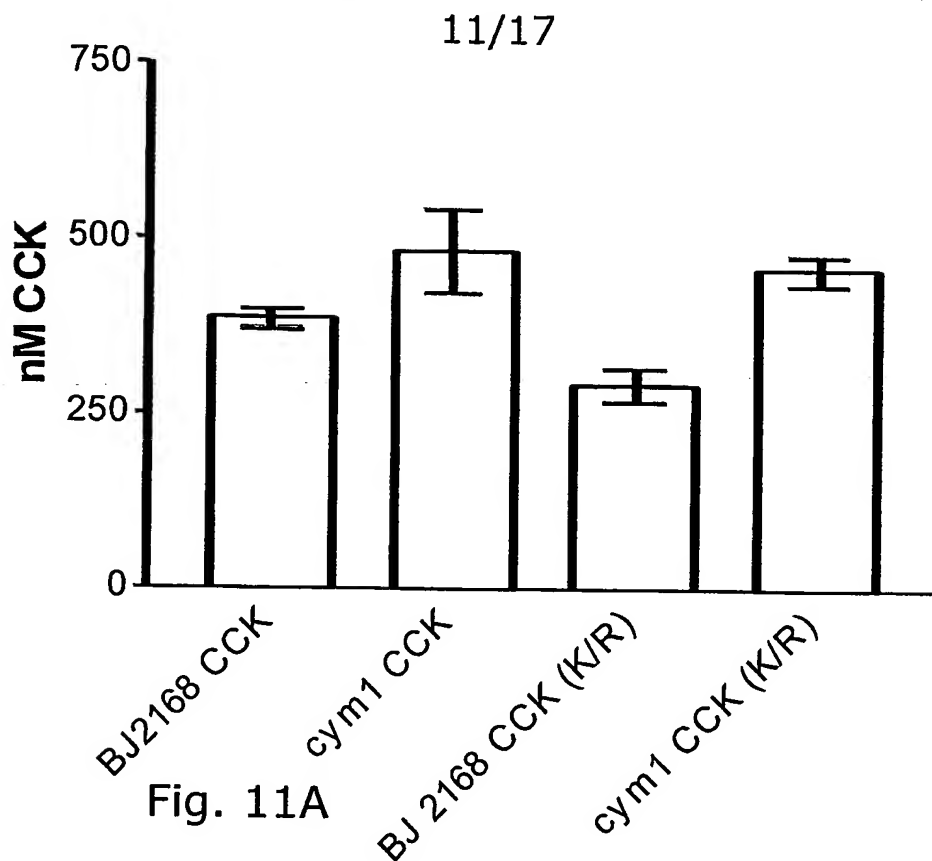


Fig. 9

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603 8AM



800 84

Title: METHODS FOR INCREASING THE PRODUCTION OF A
RECOMBINANT POLYPEPTIDE FROM A HOST CELL

Inventor(s): Lars JONSON et al.

DOCKET NO.: 030307-0256

10/528563

WO 2004/027067

PCT/DK2003/000609

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ProCCK	Molecular mass	Strain	Seq ID No.
CCK-61 CCK-58 CCK-39 CCK-22 CCK-8			
Prepromfalp // .SGLQRAEEAPRQLRVVSQRTDGESEAHILGALLARYIQQARKAPSGRMSIVKLNQLDPSHRISDRDYMGMWDFGRRSAEEYEYPS			43
QLRVVSQRTDGESEAHILGALLAR	2433.3	2433.5 B	44
VSQRTDGESEAHILGALLAR	2036.1	2036.1 B	45
YIQQARKAPSGRMSIVKLNQLDPSHRISDRDYMGMWDFGRRSAEEYEYPS	6051.9*	6051.6* B	46
YIQQARKAPSGRMSIVK	1932.1	1932.2 A & B	47
YIQQARKAPSGRMSIV	1805.2	1805.0 A	48
NLQNLDPESHRI	1509.0	1508.7 A	49
NLQNLDPESHRI	2766.2	2766.1 A	50
NLQNLDPESHRI	4133.8	4133.9 A & B	51
DYMGWMDFGRRSAEEYEYPS	2488.0	2488.1 A	52

Fig. 12

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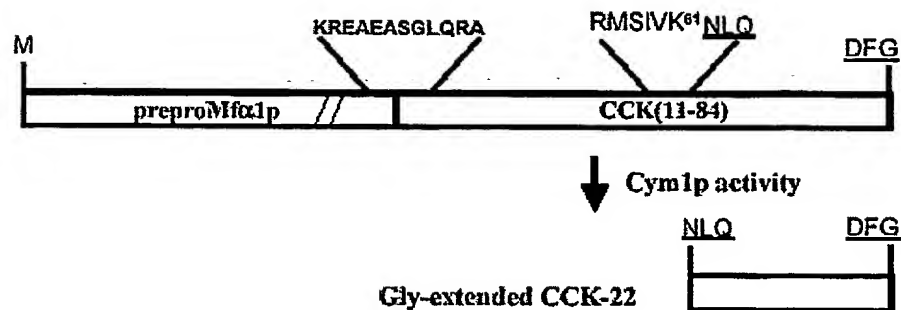


Fig. 13A

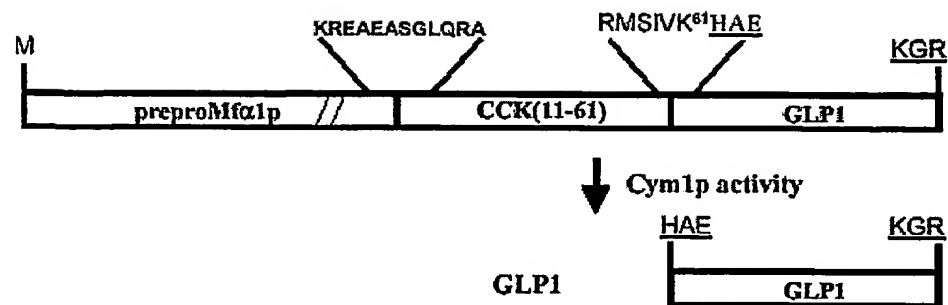


Fig. 13B

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ATGAGATTTTCCTTCAATTTTTACTGCAGTTTTATTTCGCAGCATCCTCCGCATTAGCTGCT
1 -----+-----+-----+-----+-----+-----+-----+-----+ 60
TACTCTAAAGGAAGTTAAAAATGACGTCAAATAAGCGTCGTAGGAGGCGTAATCGACGA
M R F P S I F T A V L F A A S S A L A A -
CCAGTCAACACTACAACAGAAGATGAAACGGCACAAATTCGGGCTGAAGCTGTCATCGGT
61 -----+-----+-----+-----+-----+-----+-----+ 120
GGTCAGTTGTGATGTTGTCTTCTACTTTGCCGTGTTTAAGGCCGACTTCGACAGTAGCCA
P V N T - T T E D E T A Q I P A E A V I G -
TACTTAGATTTAGAAAGGGGATTTTCGATGTTGCTGTTTTGCCATTTTCCAACAGCACAAAT
121 -----+-----+-----+-----+-----+-----+-----+ 180
ATGAATCTAAATCTTCCCCTAAAGCTACAACGACAAAACGGTAAAAGGTTGTCGTGTTTA
Y L D L E G D F D V A V L P F S N S T N -
AACGGGTTATTGTTTATAAATACTACTATTGCCAGCATTTGCTGCTAAAGAAGAAGGGGTA
181 -----+-----+-----+-----+-----+-----+-----+ 240
TTGCCCAATAACAAATATTTATGATGATAACGGTCGTAACGACGATTTCTTCTTCCCCAT
N G L L F I N T T I A S I A A K E E G V -
TCTTTGGATAAAAAGAGAGGCTGAAGCTCACCCGCTGGGCAGCCCCGGTTCAGCCTCGGAC
241 -----+-----+-----+-----+-----+-----+-----+ 300
AGAAACCTATTTTCTCTCCGACTTCGAGTGGGCGACCCGTCGGGGCCAAGTCGGAGCCTG
S L D K R E A E A H P L G S P G S A S D -
TTGGAACGTCCGGGTTACAGGAGCAGCGCAACCATTTGCAGGGCAAACGTGTCGGAGCTG
301 -----+-----+-----+-----+-----+-----+-----+ 360
AACCTTTGCAGGCCCAATGTCTCGTCGCGTTGGTAAACGTCCCGTTTGACAGCCTCGAC
L E T S G L Q E Q R N H L Q G K L S E L -
CAGGTGGAGCAGACATCCCTGGAGCCCCCTCCAGGAGAGCCCCCGTCCCACAGGTGTCTGG
361 -----+-----+-----+-----+-----+-----+-----+ 420
GTCCACCTCGTCTGTAGGGACCTCGGGGAGGTCTCTCGGGGGCAGGGTGTCCACAGACC
Q V E Q T S L E P L Q E S P R P T G V W -
AAGTCCCGGGAGGTAGCCACCGAGGGCATCCGTGGGCACCGCAAATGGTCTCTACACC
421 -----+-----+-----+-----+-----+-----+-----+ 480
TTCAGGGCCCTCCATCGGTGGCTCCCGTAGGCACCCGTGGCGTTTTACCAGGAGATGTGG
K S R E V A T E G I R G H R K M V L Y T -
CTGCGGGCACCACGAAGCCCCAAGATGGTGCAAGGGTCTGGCTGCTTTGGGAGGAAGATG
481 -----+-----+-----+-----+-----+-----+-----+ 540
GACGCCCCGTGGTGCTTCGGGGTTCTACCAGTTCCCAGACCGACGAAACCCTCCTTCTAC
L R A P R S P K M V Q G S G C F G R K M -
GACCGGATCAGCTCCTCCAGTGGCCTGGGCTGCAAAGTGCTGAGGCGGCATTAA
541 -----+-----+-----+-----+-----+-----+-----+ 594
CTGGCCTAGTCGAGGAGGTCACCGGACCCGACGTTTCACGACTCCGCCGTAATT
D R I S S S S G L G C K V L R R H * -

Fig. 14A

005 HAM 73 01911

Title: METHODS FOR INCREASING THE PRODUCTION OF A
RECOMBINANT POLYPEPTIDE FROM A HOST CELL
Inventor(s): Lars JONSON et al.
DOCKET NO.: 030307-0256

10/528563

WO 2004/027067

PCT/DK2003/000609

15/17

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ATGAGATTTTCCTTCAATTTTTACTGCAGTTTTATTTCGCAGCATCCTCCGCATTAGCTGCT
1  -----+-----+-----+-----+-----+-----+-----+ 60
TACTCTAAAGGAAGTTAAAAATGACGTCAAATAAGCGTCGTAGGAGGCGTAATCGACGA

M R F P S I F T A V L F A A S S A L A A -

CCAGTCAACACTACAACAGAAGATGAAACGGCACAAATTCGGGCTGAAGCTGTCTATCGGT
61 -----+-----+-----+-----+-----+-----+-----+ 120
GGTCAGTTGTGATGTTGTCTTCTACTTTGCCGTGTTTAAGGCCGACTTCGACAGTAGCCA

P V N T T T E D E T A Q I P A E A V I G -

TACTTAGATTTAGAAGGGGATTTTCGATGTTGCTGTTTTGCCATTTTCCAACAGCACAAAT
121 -----+-----+-----+-----+-----+-----+-----+ 180
ATGAATCTAAATCTTCCCCTAAAGCTACAACGACAAAACGGTAAAAGGTTGTCTGTTTA

Y L D L E G D F D V A V L P F S N S T N -

AACGGGTTATTGTTTATAAATACTACTATTGCCAGCATTGCTGCTAAAGAAGAAGGGGTA
181 -----+-----+-----+-----+-----+-----+-----+ 240
TTGCCCAATAACAAATATTTATGATGATAACGGTCGTAACGACGATTCTTCTTCCCAT

N G L L F I N T T I A S I A A K E E G V -

TCTTTGGATAAAAGAGAGGCTGAAGCTAGCCCCAAGATGGTGCAAGGGTCTGGCTGCTTT
241 -----+-----+-----+-----+-----+-----+-----+ 300
AGAAACCTATTTTCTCTCCGACTTCGATCGGGGTTCTACCACGTCCCAGACCGACGAAA

S L D K R E A E A S P K M V Q G S G C F -

GGGAGGAAGATGGACCGGATCAGCTCCTCCAGTGGCCTGGGCTGCAAAGTGCTGAGGCGG
301 -----+-----+-----+-----+-----+-----+-----+ 360
CCCTCCTTCTACCTGGCCTAGTCGAGGAGGTCACCGGACCCGACGTTTCACGACTCCGCC

G R K M D R I S S S S G L G C K V L R R -

CATTA
361 ----- 366
GTAATT

H * -
```

Fig. 14B

10/528563

Title: METHODS FOR INCREASING THE PRODUCTION OF A
RECOMBINANT POLYPEPTIDE FROM A HOST CELL
Inventor(s): Lars JONSON et al.
DOCKET NO.: 030307-0256

10/528563

WO 2004/027067

CT/DK2003/000609

16/17

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ATGAGATTTTCCTTCAATTTTTACTGCAGTTTTATTTCGCAGCATCCTCCGCATTAGCTGCT
1  -----+-----+-----+-----+-----+-----+-----+ 60
TACTCTAAAGGAAGTTAAAAATGACGTCAAATAAGCGTCGTAGGAGGCGTAATCGACGA

M R F P S I F T A V L F A A S S A L A A -

CCAGTCAACACTACAACAGAAGATGAAACGGCACAATTCGGCTGAAGCTGTCATCGGT
61  -----+-----+-----+-----+-----+-----+ 120
GGTCAGTTGTGATGTTGTCTTCTACTTTGCCGTGTTTAAGGCCGACTTCGACAGTAGCCA

P V N T T T E D E T A Q I P A E A V I G -

TACTTAGATTTAGAAGGGGATTTTCGATGTTGCTGTTTTGCCATTTTCCAACAGCACAAAT
121 -----+-----+-----+-----+-----+-----+ 180
ATGAATCTAAATCTTCCCCTAAAGCTACAACGACAAAACGGTAAAAGGTTGTCGTGTTTA

Y L D L E G D F D V A V L P F S N S T N -

AACGGGTTATTGTTTATAAAATACTACTATTGCCAGCATTGCTGCTAAAGAAGAAGGGGTA
181 -----+-----+-----+-----+-----+-----+ 240
TTGCCCAATAACAAATATTTATGATGATAACGGTCGTAACGACGATTCTTCTTCCCCAT

N G L L F I N T T I A S I A A K E E G V -

TCTTTGGATAAAAGAAGCCCCAAGATGGTGCAAGGGTCTGGCTGCTTTGGGAGGAAGATG
241 -----+-----+-----+-----+-----+-----+ 300
AGAAACCTATTTTCTTCGGGGTTCTACCACGTTCCCAGACCGACGAAACCCTCCTTCTAC

S L D K R S P K M V Q G S G C F G R K M -

GACCGGATCAGCTCCTCCAGTGGCCTGGGCTGCAAAGTGCTGAGGCGGCATTAA
301 -----+-----+-----+-----+-----+-----+ 354
CTGGCCTAGTCGAGGAGGTCACCGGACCCGACGTTTCACGACTCCGCCGTAATT

D R I S S S S G L G C K V L R R H * -
```

Fig. 14C

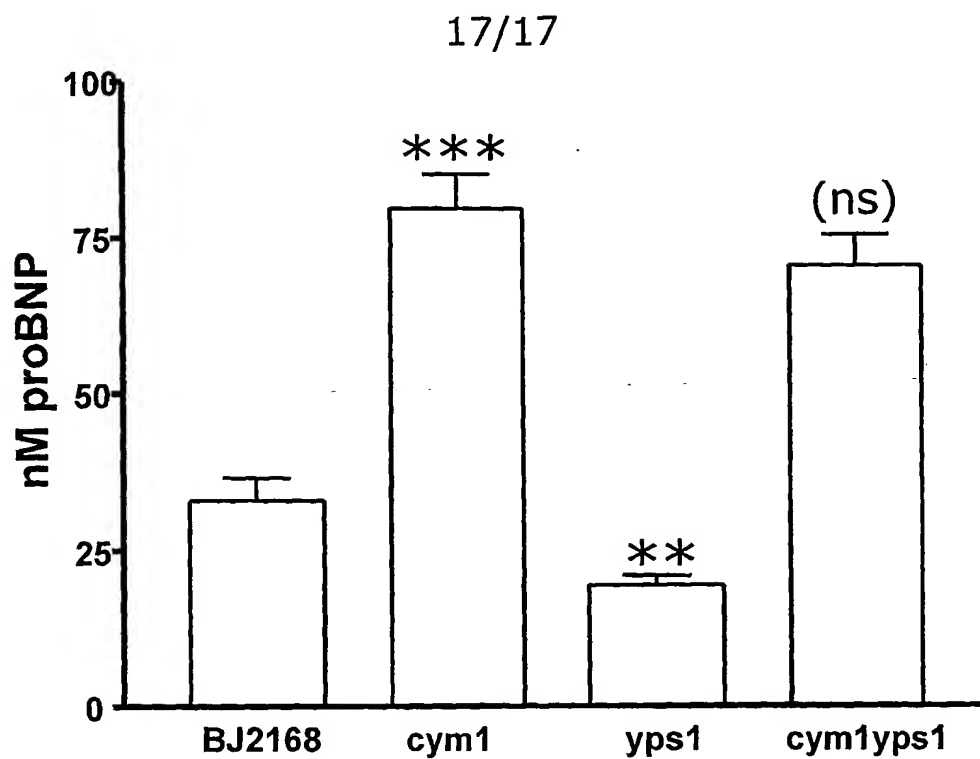


Fig. 15A

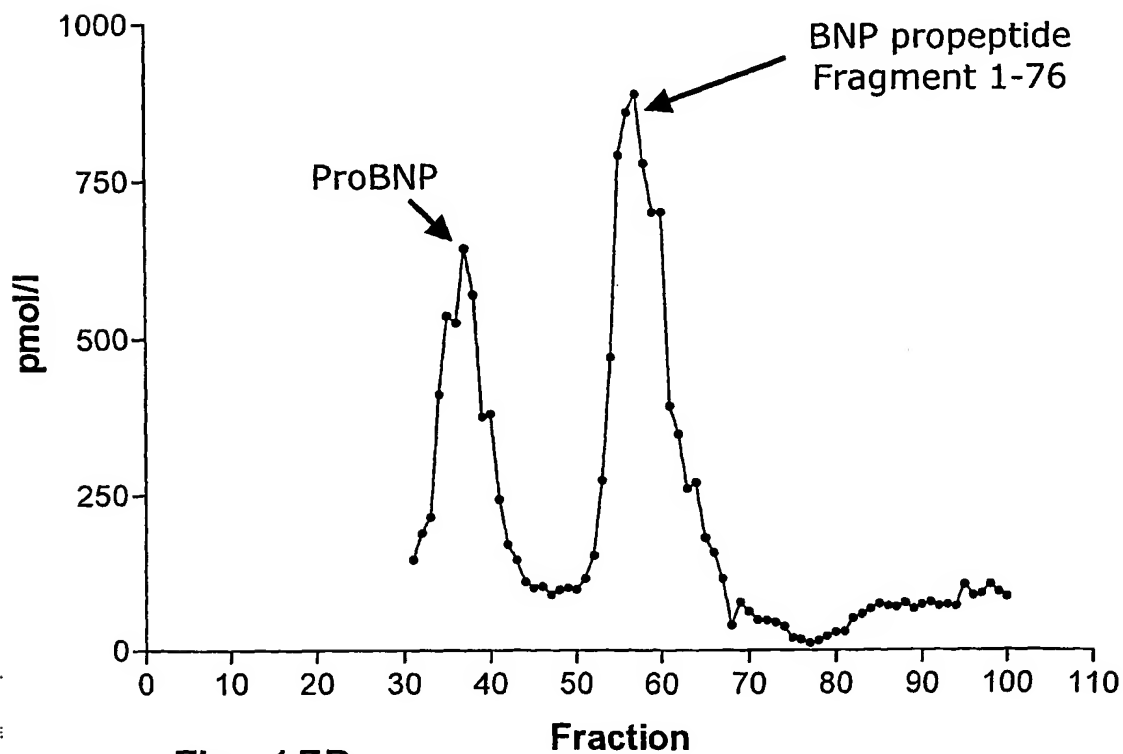


Fig. 15B